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**From:** Madelyn.Adams@epa.ohio.gov  
**To:** Renninger, Steven; Patterson, Leslie  
**Sent:** 9/30/2016 8:30:26 PM  
**Subject:** RE: Files for Sept. 29th VI Conference call ~COR-038443-202~  
**Attachments:** removed.txt

Looks like the BUSTR reports were only ever analyzing for Benzene, Toluene, Ethyl Benzene, Xylene, TPHs, and lead.

The TO-15 analysis showed that the gases in GP-02 consisted of 2,2,4-Trimethylpentane, Butane, Cyclohexane, Hexane, Methylene Chloride, and Methane.

**From:** Renninger, Steven [mailto:renninger.steven@epa.gov]  
**Sent:** Friday, September 30, 2016 12:58 PM  
**To:** Adams, Madelyn ; Patterson, Leslie  
**Subject:** RE: Files for Sept. 29th VI Conference call ~COR-038443-202~

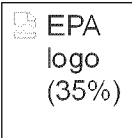
A couple of thoughts:

Does the VOCs in the report match up with the TO-15 analysis that the GHD completed recently for GP-2? It's probably comparing water data vs soil gas, but if the contaminants match up then that is likely the source? May be easier for GHD to match this up if you send them the report?

Was the remediation dealing with soil or groundwater or both? Appears that groundwater was the target remediation. If the soil is still contaminated then that is a potential source for GP-2.

Thanks.

Steve Renninger  
On-Scene Coordinator  
US EPA Region 5  
Emergency Response Branch  
26 W Martin Luther King Drive  
Cincinnati, OH 45268  
513-260-7849



**From:** [Madelyn.Adams@epa.ohio.gov](mailto:Madelyn.Adams@epa.ohio.gov) [mailto:Madelyn.Adams@epa.ohio.gov]  
**Sent:** Friday, September 30, 2016 12:28 PM  
**To:** Patterson, Leslie <[patterson.leslie@epa.gov](mailto:patterson.leslie@epa.gov)>; Renninger, Steven <[renninger.steven@epa.gov](mailto:renninger.steven@epa.gov)>  
**Cc:** [Joleen.Cook@epa.ohio.gov](mailto:Joleen.Cook@epa.ohio.gov); [Bryan.Duzak@com.state.oh.us](mailto:Bryan.Duzak@com.state.oh.us)  
**Subject:** RE: Files for Sept. 29th VI Conference call ~COR-038443-202~

Here is one that I've found so far. Not sure if there are any others.

**From:** Patterson, Leslie [mailto:patterson.leslie@epa.gov]  
**Sent:** Friday, September 30, 2016 11:42 AM  
**To:** Adams, Madelyn <[Madelyn.Adams@epa.ohio.gov](mailto:Madelyn.Adams@epa.ohio.gov)>; Renninger, Steven <[renninger.steven@epa.gov](mailto:renninger.steven@epa.gov)>  
**Cc:** Cook, Joleen <[Joleen.Cook@epa.ohio.gov](mailto:Joleen.Cook@epa.ohio.gov)>; Duzak, Bryan <[Bryan.Duzak@com.state.oh.us](mailto:Bryan.Duzak@com.state.oh.us)>  
**Subject:** RE: Files for Sept. 29th VI Conference call ~COR-038443-202~

Maddie, are there any reports describing operation & monitoring of the system? I'm free on Monday anytime before 3:00 ET/2:00 CT.

Leslie Patterson  
Remedial Project Manager  
U. S. Environmental Protection Agency, Region 5  
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**From:** [Madelyn.Adams@epa.ohio.gov](mailto:Madelyn.Adams@epa.ohio.gov) [<mailto:Madelyn.Adams@epa.ohio.gov>]  
**Sent:** Friday, September 30, 2016 8:09 AM  
**To:** Renninger, Steven <[renninger.steven@epa.gov](mailto:renninger.steven@epa.gov)>; Patterson, Leslie <[patterson.leslie@epa.gov](mailto:patterson.leslie@epa.gov)>  
**Cc:** [Joleen.Cook@epa.ohio.gov](mailto:Joleen.Cook@epa.ohio.gov); [Bryan.Duzak@com.state.oh.us](mailto:Bryan.Duzak@com.state.oh.us)  
**Subject:** RE: Files for Sept. 29th VI Conference call ~COR-038443-202~

Here are the two documents outlining the proposed bio-sparg system. I haven't had a chance to go through them.

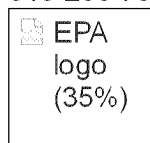
Do we want to set up a regulator's call? I'd also like to have Joleen Cook present, she's the landfill engineer who has been helping with the landfill gas side of things. Ohio EPA is available Monday next week.

Maddie

**From:** Renninger, Steven [<mailto:renninger.steven@epa.gov>]  
**Sent:** Thursday, September 29, 2016 4:17 PM  
**To:** Adams, Madelyn <[Madelyn.Adams@epa.ohio.gov](mailto:Madelyn.Adams@epa.ohio.gov)>; Patterson, Leslie <[patterson.leslie@epa.gov](mailto:patterson.leslie@epa.gov)>  
**Subject:** RE: Files for Sept. 29th VI Conference call ~COR-038443-202~

Thanks for the update.

Steve Renninger  
On-Scene Coordinator  
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26 W Martin Luther King Drive  
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513-260-7849



**From:** [Madelyn.Adams@epa.ohio.gov](mailto:Madelyn.Adams@epa.ohio.gov) [<mailto:Madelyn.Adams@epa.ohio.gov>]  
**Sent:** Thursday, September 29, 2016 4:15 PM  
**To:** Patterson, Leslie <[patterson.leslie@epa.gov](mailto:patterson.leslie@epa.gov)>; Renninger, Steven <[renninger.steven@epa.gov](mailto:renninger.steven@epa.gov)>  
**Subject:** RE: Files for Sept. 29th VI Conference call ~COR-038443-202~

Got ahold of Brian at BUSTR, he's going to look in to the file some more. On the surface it looks like DP&L installed a bio-sparg system sometime in 2002. I don't know if it's still operational, Brian was going to look in to that as well. My adobe acrobat was recently updated and (shockingly) now it's not working right. I'll send you the work plan for the sparg system once I get the program to open, it should outline what they injected and when as well as monitoring parameters. If this ends up being DP&L's issue, Brian isn't sure if BUSTR would take over enforcing a correction. It

would obviously by DP&L's problem but who would regulate them is still up in the air. I also have some information on the decomposition process of BTEX that I will send once I can open PDFs.

Maddie

**From:** Chan, Valerie [<mailto:Valerie.Chan@ghd.com>]

**Sent:** Thursday, September 29, 2016 1:55 PM

**To:** 'Patterson.Leslie@epamail.epa.gov' <[Patterson.Leslie@epamail.epa.gov](mailto:Patterson.Leslie@epamail.epa.gov)>; 'Steven Renninger' <[Renninger.Steven@epamail.epa.gov](mailto:Renninger.Steven@epamail.epa.gov)>; Adams, Madelyn <[Madelyn.Adams@epa.ohio.gov](mailto:Madelyn.Adams@epa.ohio.gov)>; 'Ken Brown' <[KBrown@ITW.com](mailto:KBrown@ITW.com)>; 'Heath, Bryan' <[Bryan.Heath@NCR.COM](mailto:Bryan.Heath@NCR.COM)>; 'jrc@e-emi.com' <[jrc@e-emi.com](mailto:jrc@e-emi.com)>; 'Wendell Barner' <[wendell.barner@gmail.com](mailto:wendell.barner@gmail.com)>; Gatrell, Douglas <[Douglas.Gatrell@ghd.com](mailto:Douglas.Gatrell@ghd.com)>; Sash, Austin <[Austin.Sash@ghd.com](mailto:Austin.Sash@ghd.com)>; Ramdial, Brent <[Brent.Ramdial@ghd.com](mailto:Brent.Ramdial@ghd.com)>

**Cc:** Project Email Filing <[Filing-NA@ghd.com](mailto:Filing-NA@ghd.com)>

**Subject:** Files for Sept. 29th VI Conference call ~COR-038443-202~

Hello,

The attached files are provided for discussion during today's South Dayton Dump and Landfill Site vapor intrusion conference call:

- Figure summarizing methane field readings at GP-2, South Dayton Site soil gas probes, and at storm inlets and manholes.  
Approximate locations of buried utilities in Dryden Road (O.B.T underground duct) and on the east side of Dryden Road (Cincinnati Bell) are marked. Water and gas lines are present on the west side of Dryden Road but were left out to keep the figure legible.
- Tables presenting methane field readings.

Today's call is scheduled for 2:30 PM ET / 1:30 PM CT.

Teleconference: 1-866-721-5495

Access Code: 14627342

Thank you,

Valerie

**Valerie Chan, P.Eng.**

#### **GHD**

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